

Date: Wednesday, 11/22/2006 1:39:56 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : SHOULDER HARNESS KIT  
 Job Number : 29650  
 Estimate Number : 12542  
 P.O. Number : *N/A*  
 This Issue : 11/22/2006 S.O. No. : *N/A*  
 Prsht Rev. : NC  
 First Issue : *N/A* Type : SMALL /MED FAB  
 Previous Run : 28757  
 Part Number : DSI9351017  
 Drawing Number : DSI9351 REV A  
 Project Number : N/A  
 Drawing Revision : A  
 Material : *N/A*  
 Due Date : 11/29/2006 Qty: 4 Um: Each  
 Written By : *[Signature]*  
 Checked & Approved By : *[Signature] 06 11 22*  
 Comment : Est Rev:A New Issue 06-09-27 JLM

## Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: Photocopy bluefile & type labels per PPPDSI9351 CHG001

*KS 06-11-24*

2.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1  
 Pick Packing Kit

3.0 D355111 HOOK AND LOOP TIE



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)  
 HOOK AND LOOP TIE  
 Batch: *B29558*

*[Signature] 11/24 (4)*

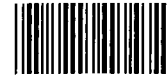
4.0 QC4 INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

*LB06/11/24 (4)*

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1  
 Identify and pack for shipping as per PPP Dsi9351  
 Location: \_\_\_\_\_  
 PPP Rev: *DNA F+*

*[Signature] 11/24 (4)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: DP Date: 02/11/24  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 11/22/2006 1:39:57 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SHOULDER HARNESS KIT

Job Number: 29650

Part Number: DSI9351017

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

*Handwritten:* 86/11/29 (4)

Job Completion



*Handwritten:* u do/clozif

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>qp</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>DSI 9351</b>	REV. A SHEET 1 OF 1
DATE <b>06.09.15</b>	TITLE <b>SHOULDER HARNESS KIT</b> SCALE NTS		
REV A	DATE 06.09.15	DESCRIPTION NEW ISSUE	

**DART SERVICE INSTRUCTION**  
TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV A, B OR C  
REF. CANADIAN STC SH04-7  
REF. FAA STC SR01997NY

TO IMPROVE THE FIT AND VISUAL IDENTIFICATION OF SHOULDER HARNESS SETS, DSI 9351-011/-013/-015 SHOULDER HARNESS UPGRADE KITS ARE AVAILABLE FOR THE D412-702-011/-021/-013/-023/-015/-025/-017/-027 AND D214-702-035 SHOULDER HARNESS KITS AT CHANGE 1. INSTALLATION OF THESE KITS IS OPTIONAL.

FOR DSI 9351-011/-013 KITS, FOLLOW STEPS 1 AND 2. FOR DSI 9351-015/-017 KITS, FOLLOW STEP 2:

1) REMOVE THE MS24694-S152 SCREWS FROM THE D3196-1 BAR ON THE CENTRAL PANEL. RE-INSTALL THE D3196-1 BAR WITH D3546-1 CLIPS USING MS24694-S154 SCREWS AS SHOWN IN FIGURE 1. ENSURE THAT THE SHOULDER BELTS ARE LOOPED THROUGH THE CLIP AS SHOWN IN DETAIL 'A'. TORQUE SCREWS TO 100-140 in-lbs (11.3-15.8 N-m). IT IS ACCEPTABLE TO USE LONGER MS24694-SXXX SCREWS AS REQUIRED TO ENSURE THAT THE D3196-1 BAR IS PROPERLY SECURED.

2) INSTALL THE D3551-11 HOOK AND LOOP TIES THROUGH THE FRONT LOOPS OF EACH SET OF SHOULDER BELTS. INSTALLATION ON THE 4-MAN AFT FACING BENCH IS AT THE DISCRETION OF THE INSTALLER. ENSURE THAT THE 'LOOP' SIDES OF THE TIES ARE FACING OUTWARD FOR PASSENGER COMFORT. TIGHTEN OR LOOSEN THE TIES AS NEEDED (TRIMMING IS ACCEPTABLE).

QTY -011	QTY -013	QTY -015	QTY -017	P/N	DESCRIPTION	INSTALLS ON:
X				DSI 9351-011	13-MAN UPGRADE KIT	D412-702-011/-021
	X			DSI 9351-013	5-MAN UPGRADE KIT	D412-702-013/-023
		X		DSI 9351-015	5-MAN UPGRADE KIT	D214-702-035
			X	DSI 9351-017	4-MAN UPGRADE KIT	D412-702-015/-017/-025/-027
13	5	5	4	D3551-11	HOOK AND LOOP TIE	X
2	2			D3546-1	CLIP	X
2	2			MS24694-S154	SCREW	X

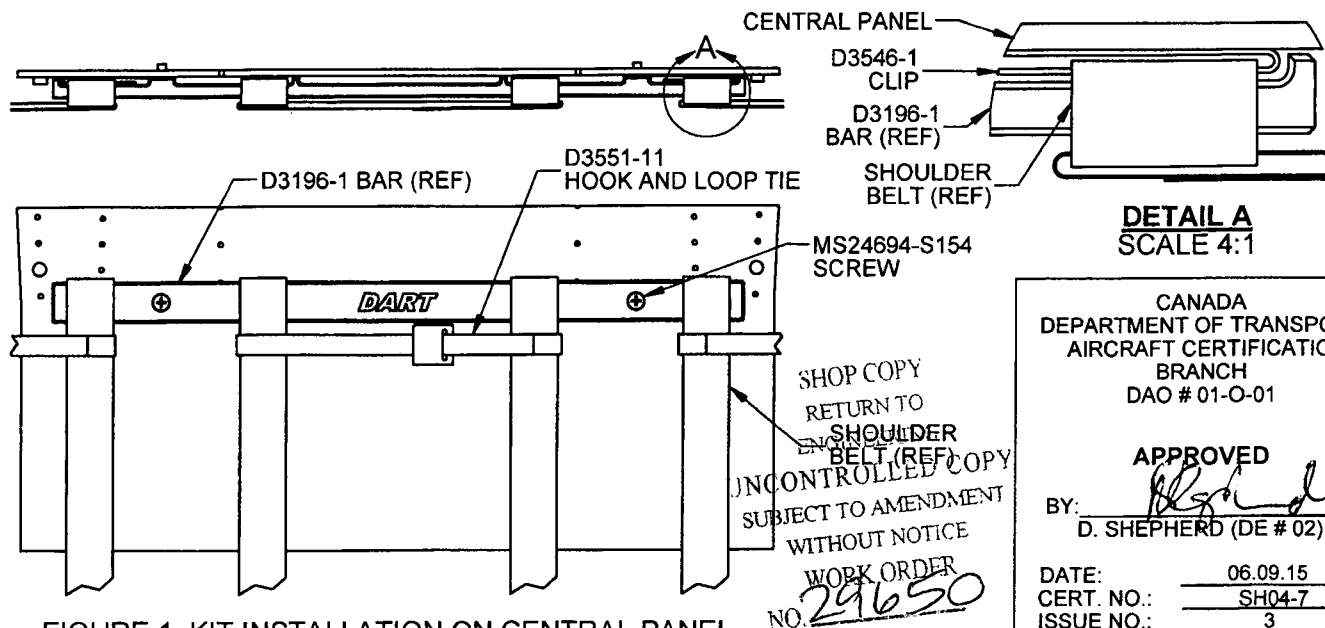


FIGURE 1. KIT INSTALLATION ON CENTRAL PANEL

**DETAIL A**  
SCALE 4:1

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 06.09.15  
CERT. NO.: SH04-7  
ISSUE NO.: 3

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